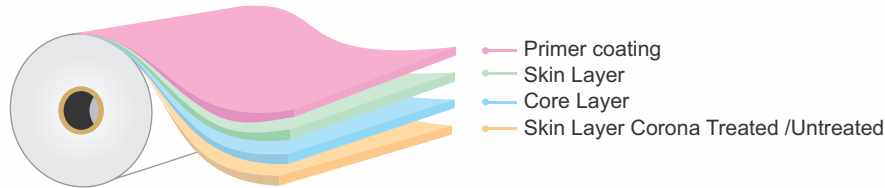


BOPET Transparent Film

CF-BLF

Typical Values

Structure



Description

BLF is a co-extruded, transparent PET film. The film is one side special primer coated & the other side Untreated /corona treated.

Features

- Good optical properties
- special primer coating side suitable for UV offset sheet printing
- excellent dimensional stability & machinability

Applications

- Film is designed exclusively for UV offset sheet Printing for board & box lamination
- Best suitable for high speed UV offset printing machines

Properties	Ref.	Units	ASTM#/Test Method	CF-BLF			
Physical Data							
Average Thickness		micron	D-374-C	8	10	12	15
		gauge		32	40	48	60
		mils		0.3	0.4	0.5	0.6
Density		g/cc		1.4	1.4	1.4	1.4
Average Substance		g/m ²		11.2	14.0	21.0	16.80
Surface tension (min.)	CS/CT	dynes/cm	D-2578	38 - 40 / 52			
Kinetic COF (Max.)	CS/CT		D-1894	0.55	0.50	0.50	0.50
	CS/UT			0.45	0.45	0.45	0.45
Yield		m ² /Kg	D-4321	89.28	71.42	59.52	47.62
		in ² /lb		62770	50213	41846	33480
Optical Data							
Haze (Max.)		%	D-1003	4.0	4.0	4.0	4.0
Mechanical Data							
Tensile Strength (min.)	MD	kg/ cm ²	D-882	2100	2100	2100	2100
	TD			2200	2200	2200	2200
Elongation (min.)	MD	%	D-882	90	90	110	110
	TD			85	85	90	90
Thermal Data							
Linear Shrinkage (Max.) (150°C/302°F, 30 min.)	MD	%	D-1204	3.0			
	TD			0.80			
Barrier Data							
MVTR (38 °C, 90%RH)		g/m ² /day	F-1249	50	50	45	40
MVTR (100 °F, 90%RH)		g/100in ² /day		3.2	3.2	2.9	2.6
OTR (23 °C, 0%RH)		cc/m ² /day	D-3985	155	155	130	110
OTR (73 °F, 0%RH)		cc/100in ² /day		10.1	10.1	8.5	7.1

CTM : Cosmo Test Method MD : Machine Direction TD : Transverse Direction CT : Corona Treated CS : Coated Side UT : Untreated

Storage & Handling : PET film needs to be stored in a warehouse below 35°C (95°F) and should not be exposed to direct sunlight, sources or high humidity. If the material is stored in the recommended conditions PET is suitable for use within 9 months from the date of dispatch

Disclaimer : The information provided above is based on COSMO FILMS conclusive tests, which are indicative only and provided as guidelines. They do not constitute a guarantee of any specific product attributes or the suitability of products for specific applications.

Updated as on Nov -2022